

THE TECH

VOL. XXXIII. NO. 133.

BOSTON, MASS., THURSDAY, FEBRUARY 19, 1914.

PRICE TWO CENTS

BUY-A-TICKET.

Well, well, well, a lot has been said about "Yish-ka-bibble" these last two days, but up to the present there has been no mention of the price that will be charged for admission. To be perfectly frank, the price to be charged has caused more discussion and more near-blows than any other decision that had to be made in connection with the entertainment. Many have thought that fifty cents was all that a man should be expected to pay in support of Athletics; others that the student should be ashamed of himself if he did not do more than this; and still others that, regardless of the amount necessary for the support of athletics, more should be paid in consideration of the excellence of the acts to be presented as brought forth in yesterday's TECH.

But be all this as it may, a final decision in price, which is of the nature of a compromise and which will provide the greatest surprise of the year, has been made and will be announced in this column on Saturday. Remember the all-important date—SATURDAY of this week when the first opportunity will be given the students for the privilege of getting the first tickets for "Yish-ka-bibble" in support of Athletics.

On Friday of this week the tickets are to be given into the hands of

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SHOW ORCHESTRA

Thirty-one men turned out for the Tech Show orchestra rehearsal yesterday afternoon. A great amount of enthusiasm was displayed, and the work went ahead wonderfully well. This was largely due to the efforts of Mr. Howard, of the Boston municipal concerts, who conducted.

Viola and base viol players are needed. The Show will provide the base viol if some one can be found to play it.

M. E. SOCIETY TRIP

Members of the Mechanical Engineering Society, who wish to make the excursion with the society to the Boston Edison power plant, are requested to hand their names before Saturday noon to the proper officers. Two trips will be made, one each on Tuesday and Wednesday afternoons. Those desiring to go Tuesday will please communicate with F. C. Purinton, tel. B. B. 21825. H. W. Treat, tel. B. B. 4907-R, will receive names for the Wednesday excursion. Only twenty can be accommodated on each trip and parties will consist of those speaking first.

ILLUMINATION IN ARCHITECTURE

Prof. Clifford of Harvard Speaks To Arch.-Engin. Society—Prize Winners Announced.

The meeting of the Architectural Engineering Society which had been planned for two months, took place last evening at eight o'clock in 11 Eng. B. Owing to business, Mr. Guy Lowell was unable to be present, his place being taken by Prof. Williams of the department. Mr. C. H. Hopkins, president of the Architectural Engineering Society, introduced Prof. Lawrence, who in turn introduced Prof. H. E. Clifford of Harvard University. Prof. Clifford was formerly head of the electrical engineering department at the Institute and has made a speciality of illumination.

In opening his talk, he stated that he was to a large extent ignorant of architecture, but that he did know the difference between the Ionic order and the Ionic theory. The question of illumination and its relation to architecture is very close. Many examples of otherwise excellent building which have been spoiled by poor illumination bear ample evidence of this fact. Prof. Clifford, in emphasizing the inattention of so many architects towards this feature, stated that no designer would plan a building that could not stand, but as a general thing the other engineering features of construction, such as the acoustic properties and lighting, are often totally forgotten. The illumination must be adjusted to the color scheme, the proportions and the architectural effects desired. Indirect lighting, which is so universally exploited to

(Continued on Page 3.)

TECHNIQUE COMMITTEE

First Meeting of New Committee Will Be Held Friday.

The recently elected Technique Electoral Committee will hold its first meeting Friday, Feb. 20, in 27 Rogers at 8.30. Special attention is called to the place of meeting, as this has been changed since the first notices were sent out.

A. C. Dorrance, Editor-in-Chief of Technique 1914 and President of the senior class, will address the meeting and give them some idea of their duties and methods of procedure. The question of permanent organization will be taken up, and as soon as possible, probably at the next meeting, the committee will proceed to the main business,—the election of the Technique 1916 board. In order that the affairs of the committee may be facilitated as much as possible, a full attendance is especially requested at the first meeting.

SHOW REHEARSAL BEGINS

First Rehearsal—Show Cast To Rehearse at Four This Afternoon.

This afternoon at four o'clock the first rehearsal of the Tech Show cast will be held. The men in the following list are to be present:

Simpson—Ogden, Parkinson, Brown, Smith—Shedd.
Paul—Tabbut, Swan.
Jim—H. B. Gardner.
Bill—Ross.
Ambassador—Bulcher, Duff.
Anarchist Chief—Rennie.
First Anarchist—King.
Second Anarchist—W. F. Johnson.
Valet—Chow.
Elaine—Hiller.
Alice—Smythe.

Mr. Sanger is not to be here this year until all the men have their parts learned, but there is to be no final choice of parts until he arrives. Men will be picked by how well they know their parts, rather than how well they act. It is important that everyone attend all the rehearsals.

From now on the cast rehearsals will be held every afternoon at four. The list of those who made the chorus will be published in THE TECH on Monday and their rehearsals will start Tuesday.

T. C. A. MEETING

Bursar Ford To Appear Before Students the First Time.

The speaker at the T. C. A. meeting in the Union this noon at 1:30 will be the new Bursar at the Institute, Mr. Horace S. Ford. This will be the second talk of the second term. Mr. Ford has chosen for the topic of his talk "Self-Service or Some Other Kind," and today's talk will mark the first appearance of the Bursar before the student-body. The T. C. A. expects a large crowd at the meeting this noon.

FACULTY NOTICES

Second Year.

Section 2 of Course I will have its hour for Precision of Measurements changed on Thursday from two to three o'clock and will recite in Room 21 Rogers.

The class in Second Year English for Foreign Students will meet Mondays and Thursday at 4 p. m. Students whose tabular views do not permit this arrangement should consult Mr. Seaver at once.

WALTER HUMPHREYS,
Registrar.

First Year English.

Sections 12, 14, 16, 18, 19 (S to Z) will meet with Mr. Reyher on Friday, Feb. 20, at twelve o'clock.

ESTABLISHMENT OF CALENDAR SYSTEM

Union Committee Has Established a File of Dates of Institute Activities.

The Union Committee has now established a system of recording and filing in advance the meetings and various events of all the Institute activities. This system will make it impossible for any serious conflict to take place in the arrangement of dates for the stunt of any organization.

Cards have been sent to the secretaries of every organization which participates in the activities which concern the whole or only a few of the student body. The cards, on which space is provided for the name of the organization, also the date and place of meeting, are to be filled out and placed on file in the Union at the earliest time in advance of the event which is to take place.

This file is to serve as a calendar of Institute happenings and it is proposed to keep this calendar for at least two months in advance. This surely gives every organization an opportunity to choose dates which will not conflict with the date set by some other Institute activity.

THE TECH will have access to this file and this insures publicity for the event. In fact THE TECH will refuse to give publicity in advance to any event which has not been properly placed on file with the Union Committee.

This system will surely fill a long felt need for the regulation of the various Institute happenings and its success depends absolutely on the cooperation of every activity.

CALENDAR

Thursday, February 19, 1914.

1.30—T. C. A. Meeting, New Bursar speaks. Union.

6.39—Lynn Club, Union, Room B.
Friday, February 20, 1914.

1.00—Sophomore Governing Board Meeting. 21 Rogers.

4.00—Rifle Club Practice. First Corps Cadets Armory, Columbus Avenue.

4.30—Meeting of Technique 1916 Electoral Committee. Union, Room A.

5.00—Glee Club Rehearsal. Union, Room B.

7.45—Military Hop. Horticultural Hall.

8.00—C. E. Society Meeting. Union, Room B.

Saturday, February 21, 1914.

3.00—Hockey Game—Tech vs. Williams at Williamstown.

7.20—Track Meet at Providence.

WEATHER

Boston and vicinity—Thursday unsettled with rising temperature; moderate variable winds.

THE TECH

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THURSDAY, FEBRUARY 19, 1914.

IN CHARGE OF THIS ISSUE.

Editor, E. E. Hewins, '16.
Assistants: W. A. Houser, '15; D. H. Parker, '17; G. H. Stebbins, '17.

At last we have seen the end of time conflicts between undergraduate happenings. The system of calendar cards described in another part of this issue, which the Union Committee has put into operation, supplies a crying need of many years' duration.

The Committee certainly deserves the highest praise for the way in which the problem has been solved. The cards give just the information necessary, in most concise and presentable form; the conspicuous calendar in the Union will enable everyone to keep posted on events whether he reads THE TECH or not; above all, every activity will know just where it stands, and we have a fool-proof and blunder-tight defense against the conflicting events which have been so common.

It ought not to be necessary to urge all activities to co-operate in this scheme, even in the case of affairs which, not occurring in the Union, are not by nature subject to its regulations. In order to make assurance doubly sure, THE TECH will not advertise any event whose organizers refuse to register it properly in the card-file.

NOTICE

The undersigned would be glad to meet any Tech men who expect to go to the conference for New England Student Churchmen at Amherst next Friday, so that arrangements may be made to go together.

F. R. KNEELAND,
44 Walker.

SPIKES.

The Hare and Hound Club will hold its annual meeting in 8 Engineering C at 1:30 next Wednesday noon. The election of officers and discussion of plans for the coming season will feature the meeting.

The annual Freshman Sophomore Cross Country Race will be held on March 28. The following Saturday is the day set for the lower class Track meet.

Coach Moakley of Cornell has 140 candidates out for Track. The men are to a large extent fresh material as many of last year's team have been lost through graduation.

The Purdue Exponent's Athletic Editor seems to think that Pennsylvania is slated for the Track and Field Champs this year. He bases his statement on the general loss of stars by the other colleges. Although it is rather premature to forecast so early in the season the outlook at present certainly justifies his conclusion.

There was a total of 1137 students engaged in different branches of athletics at Michigan last fall.

The women of the University of California have seriously taken up track athletics. The reports do not specify if there is general admission to the contests. Vassar at present holds the women's records in most of the track and field events, but with the new rival we may expect some competition.

CHESS CLUB

The Executive Committee of the Chess Club yesterday voted to try to secure matches with Brown and Boston Universities in the near future.

The following arrangements were decided upon for the second term tournament. An entrance fee of fifteen cents is to be charged and second term dues must be paid in order to play.

As the chess boards and men kept at the cage are the property of the Chess Club, it has been decided that only members of the club shall be permitted to use them. Anyone can become a member by paying the dues, which are twenty-five cents a term.

All men who wish to enter the tournament can do so by leaving their names and the entrance fee at the cage for D. E. Woodward.

ALUMNI FIELD MANAGER

One of the recent improvements towards efficiency and unity of action on the part of the Alumni Association of the Massachusetts Institute of Technology has been the creation by the office of Field Manager, and the appointment thereto of I. W. Litchfield, '34. The growth of alumni interest at the Institute has been almost phenomenal. The graduates have come to be a force in the direction of Technology hardly longer than the incumbency of President Maclau-



The Secret of Good Batting

is similar to the secret of good business—it happens to some and just misses the others.

If there ever was a commercial home run it's Fatima, the Turkish-blend cigarette. The expert who conceived this blend was some batter! Fatima was first lined out in the college towns—the student body quickly proclaimed them winners. Today Fatima is the biggest selling cigarette in this country.

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rin, but once established the results have been important. There are now forty-two associations in industrial centers in the country and the alumni have contributed towards the New Technology nearly a million and a half. Mr. Litchfield, as editor of the alumni publications and Secretary of the Society of Arts, has come into contact with many class organizations and individuals and has already in effect become a link between them. The value of the results has been such that it has been deemed desirable to place such intercommunication on an official basis.

H. C. GAWLER SPEAKS TO WIRELESS SOCIETY

District Radio Inspector Tells of Cheap Wave Meter for Amateurs.

Yesterday afternoon at four-thirty there was a meeting of the Wireless Society at 11 Eng. B. A number of business matters were taken up first. The insert in Technique was discussed and it was decided to have the usual form. All the members of the Society who wish to have their names

appear in Technique must pay their dues. It is desirable that the dues be paid as soon as possible.

Mr. H. C. Gawler, the radio inspector for this district, addressed the Society. He had with him a wave meter and a decrometer, which he demonstrated. He described cheap methods of tuning, giving a practicable method for amateurs. Mr. Gawler stated that he would not attempt to prosecute anyone who did not comply with the law who did not become a nuisance.

At the end of his talk the meeting was thrown open to general discussion. Many questions were asked, especially with regard to amateur apparatus, which were answered very satisfactorily by the speaker.

At the next meeting, which is to be held March 18, Mr. L. W. Bishop, the inventor of a wireless telephone and other wireless apparatus, will present a lecture on the ampliphone, his latest invention. This is a very marvelous instrument, increasing the radius of the station over ten times without increasing the expense of operation. He has promised to explain the construction of the ampliphone in complete detail.

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**SERIES OF TALKS ON
LIBRETTO WRITING**

Those Interested To Meet Mr. Carb in Rogers 16 at One Today.

Mr. David Carb is to give a series of lectures on libretto writing. These will be for the benefit of those men who wish to write librettos, but who are not familiar with the technical details. There are to be six talks by Mr. Carb, these to be followed by a talk on lyric writing by Mr. R. E. Rogers.

At the end of the series of talks each man who has taken the course may write a libretto and submit it to Mr. Carb, who will make suggestions for its improvement. If the author wishes he may then revise his work and enter it in the Tech show competition next year.

Any student at the Institute may take the course. The only expense to be incurred is the admission to three musical comedies which will be visited and criticised by the class. Those who are interested are to meet in Rogers 16 at one o'clock today.

ARCHITECTURAL SOCIETY
(Continued from Page 1.)

day, does not solve the lighting problem. In such a system the ceiling is the lightest spot in the room. The impression formed under such conditions is cramped or depressing. Another bad effect is that attention is often directed to points where it is not wanted. Thus in department stores, making use of indirect lighting, customers do not look at the goods, but at the ceiling or other particularly bright points. A perfect indirect system eliminates shadows and shadows are essential for artistic effects.

The semi-indirect system is the solution of the problem. The architect as a general thing pays too little care to the outlets and other provisions for wiring and hence much otherwise useless tearing-out in construction work is unnecessary. There are many mistakes common everywhere, such as bare filaments producing a glare in the eyes, poor direction of the light, use of the wrong kind of light, etc.

An architect must have a knowledge of the possibilities of different light sources and must consider the purpose of the illumination in his problem. Prof. C. Howard Walker, of the Institute, said that his opinion of architecture is that "architecture is an art, first, last and always, right straight through and that art is 'doing a thing just as well as is possible.'" He spoke particularly of the advantage obtained by the use of separate lights, especially in the diffusion obtained. His opinion of the subject was that design is the important thing and that other factors are subordinate. Lighting systems must be planned with a consideration as to whether their purpose is effect or efficiency. Finally, the element of success in the lighting problem is a judicious use of all knowledge obtainable "plus experiment."

Fifth Year Chamberlin Prize.
Five competitors. Jury of award, Messrs. Lovell, Clapp, Cox, Professors LeMonnier, Williams.

Prize, W. W. Barrows. Mention, L. C. Rosenburg.

Boston Society of Architects Prizes.

Competitors: 24 regular students, 6 special students. Jury of award: Messrs. Newhall, Greeley, Clapp, Hoyle and Grey.

Regular Prize, P. L. Small. First Mention, F. H. Kennedy. Second Mention, F. A. Chandler. Third Mention, J. A. Root. Other mentions, des Grangres, F. Whitten, Jr.

Special Prize, F. S. Wheaty. No Mention.

Class of 1904 Competition.
Competitors: 27 regular and 3 special.

Regular Prize, S. M. Spaulding. First Mention, L. S. Robinson. Second Mention, F. R. Freeman. Other Mentions, Sabin, Piza, Pettibone, Goodell.

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BUY A TICKET
(Continued from Page 1.)

those who are to dispose of them. And a remarkable array of men has been chosen to do this very necessary work. In fact they are all as talented along the line of selling tickets as are the performers in the vaudeville along their lines. Each ticket-seller is a wonder and any undergraduate who will succeed in dodging them and avoiding buying one of their paste-boards will certainly be in line as a candidate for a Carnegie hero medal.

But let it be stated right here that it is hoped that no student will attempt to become a candidate for any such honor. It is only by and with the co-operation of the entire student body that "Yish-ka-bibble" can be made enough of a success to have made it worth while the giving. The only way that approximately 95 per cent of the student-body can co-operate in this undertaking is to buy one or more tickets. So when each man is approached let him dig down in his jeans and come forward with the required price. Don't wait and say, "I promised So-and-So," but buy from the first man that is seen with tickets for sale. It doesn't make any difference from whom the ticket is bought—the whole issue is "BUY A TICKET."

Tomorrow the text of the story concerning "Yish-ka-bibble" will be the details of the various acts. Information of a general nature has already been given and more intimate knowledge of the entertainment will be presented tomorrow so that no one will be able to resist the temptation to buy a ticket when they go on sale Saturday.

Boston Opera House

TONIGHT, 7 to 11.30. **DIE MEISTERSINGER VON NURNBERG.** Amsden, Rienskaja, Laffitte, Jou-Jerville, Ludikar, Witherspoon, Leonhardt. Cond., Andre-Caplet.

WED., 8 to 10.20. **LAST TIME THIS SEASON AND FAREWELL OF FERRARI-FONTANA, THE LOVE OF THE THREE KINGS.** Luisa Villani, Ferrari-Fontana, Marcoux, Ancona. Cond., Moranzoni.

FRI., 7.30 to 11. **FIRST TIME THIS SEASON. DON GIOVANNI.** Destinn, Teyte, Amsden, Taniongo, Marcoux, Ludikar, Mardones. Cond., Andre-Caplet.

SAT., 2 to 5. **ONLY TIME THIS SEASON. ANON.** Mary Garden, Muratore, Danges, Mardones. Cond., Strony.

SAT., 8 to 10.50. Prices 50c to \$5. **MME. BUTTERFLY.** Maggie Teyte, Swartz-Morse, Laffitte, Blanchart. Cond., Moranzoni.

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